

Serial NO.: 09/600,564

Declaration pursuant to 37 CFR § 1.132, Date: 27 Oct. 2004

Exhibit II

Publications list of Dr. Florian Kern

Summary of original papers in chronological order

1. Tesfa L, Koch FW, Pankow W, Volk HD, **Kern F**: Confirmation of Mycobacterium tuberculosis infection by flow cytometry after ex vivo incubation of peripheral blood T cells with an ESAT-6-derived peptide pool. Cytometry 60B(1):47, 2004.
2. Pelte C, Cherepnev G, Wang Y, Schoenemann C, Volk HD, **Kern F**: Random Screening of Proteins for HLA-A*0201-Binding Nine-Amino Acid Peptides Is Not Sufficient for Identifying CD8 T Cell Epitopes Recognized in the Context of HLA-A*0201. J Immunol 172(11):6783, 2004.
3. Kiecker F, Streitz M, Ay B, Cherepnev G, Volk HD, Volkmer-Engert R, **Kern F**: Analysis of antigen-specific T-cell responses with synthetic peptides-what kind of peptide for which purpose? Hum Immunol 65(5):523, 2004.
4. Tesfa L, Volk HD, **Kern F**: A protocol for combining proliferation, tetramer staining and intracellular cytokine detection for the flow-cytometric analysis of antigen specific T-cells. J Biol Regul Homeost Agents 17(4):366, 2003.
5. Tesfa L, Volk HD, **Kern F**: Comparison of proliferation and rapid cytokine induction assays for flow cytometric T-cell epitope mapping. Cytometry 52A(1):36, 2003.
6. Laske N, **Kern F**, Nickel R, Wahn U, Volk HD: No difference in type 1 T-cell immune responses to human cytomegalovirus antigens between atopic children and nonatopic children. J Allergy Clin Immunol 112(1):210, 2003.
7. Docke WD, Kiessling C, Worm M, Friedrich M, Pruss A, Weltz M, Prosch S, **Kern F**, Volk HD, Sterry W, Asadullah K: Subclinical activation of latent cytomegalovirus (CMV) infection and anti-CMV immune response in patients with atopic dermatitis. Br J Dermatol 148(5):954, 2003.
8. **Kern F**, Bunde T, Faulhaber N, Kiecker F, Khatamzas E, Rudawski IM, Pruss A, Gratama JW, Volkmer-Engert R, Ewert R, Reinke P, Volk HD, Picker LJ: Cytomegalovirus (CMV) phosphoprotein 65 makes a large contribution to shaping the T cell repertoire in CMV-exposed individuals. J Infect Dis 185(12):1709, 2002.
9. Sabat R, Hoflich C, Docke WD, Oppert M, **Kern F**, Windrich B, Rosenberger C, Kaden J, Volk HD, Reinke P: Massive elevation of procalcitonin plasma levels in the absence of infection in kidney transplant patients treated with pan-T-cell antibodies. Intensive Care Med 27(6):987, 2001.
10. Maecker HT, Dunn HS, Suni MA, Khatamzas E, Pitcher CJ, Bunde T, Persaud N, Trigona W, Fu TM, Sinclair E, Brecht BM, McCune JM, Maino VC, **Kern F**, Picker

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- LJ: Use of overlapping peptide mixtures as antigens for cytokine flow cytometry. *J Immunol Methods* 255(1-2):27, 2001.
11. Buttnerova I, Baumler H, Kern F, Radtke H, Volk HD, Kiesewetter H, Docke WD: Release of WBC-derived IL-1 receptor antagonist into supernatants of RBCs: influence of storage time and filtration. *Transfusion* 41(1):67, 2001.
 12. Bitmansour AD, Waldrop SL, Pitcher CJ, Khatamzas E, Kern F, Maino VC, Picker LJ: Clonotypic structure of the human CD4+ memory T cell response to cytomegalovirus. *J Immunol* 167(3):1151, 2001.
 13. Babel N, Schwarzmann F, Prang N, Jaeger M, Wolf H, Kern F, Volk HD, Reinke P: Association between Epstein-Barr virus infection and late acute transplant rejection in long-term transplant patients. *Transplantation* 72(4):736, 2001.
 14. Kern F, Faulhaber N, Frommel C, Khatamzas E, Prosch S, Schonemann C, Kretzschmar I, Volkmer-Engert R, Volk HD, Reinke P: Analysis of CD8 T cell reactivity to cytomegalovirus using protein-spanning pools of overlapping pentadecapeptides. *Eur J Immunol* 30(6):1676, 2000.
 15. Betts MR, Casazza JP, Patterson BA, Waldrop S, Trigona W, Fu TM, Kern F, Picker LJ, Koup RA: Putative immunodominant human immunodeficiency virus-specific CD8(+) T-cell responses cannot be predicted by major histocompatibility complex class I haplotype. *J Virol* 74(19):9144, 2000.
 16. Kern F, Sural IP, Faulhaber N, Frommel C, Schneider-Mergener J, Schonemann C, Reinke P, Volk HD: Target structures of the CD8(+)-T-cell response to human cytomegalovirus: the 72-kilodalton major immediate-early protein revisited. *J Virol* 73(10):8179, 1999.
 17. Kern F, Khatamzas E, Sural I, Frommel C, Reinke P, Waldrop SL, Picker LJ, Volk HD: Distribution of human CMV-specific memory T cells among the CD8pos. subsets defined by CD57, CD27, and CD45 isoforms. *Eur J Immunol* 29(9):2908, 1999.
 18. Kern F, Sural IP, Brock C, Freistedt B, Radtke H, Scheffold A, Blasczyk R, Reinke P, Schneider-Mergener J, Radbruch A, Walden P, Volk HD: T-cell epitope mapping by flow cytometry. *Nat Med* 4(8):975, 1998.
 19. Hoflich C, Docke WD, Busch A, Kern F, Volk HD: CD45RA(bright)/CD11a(bright) CD8+ T cells: effector T cells. *Int Immunol* 10(12):1837, 1998.
 20. Ode-Hakim S, Docke WD, Kern F, Emmrich F, Volk HD, Reinke P: Delayed-type hypersensitivity-like mechanisms dominate late acute rejection episodes in renal allograft recipients. *Transplantation* 61(8):1233, 1996.
 21. Kern F, Ode-Hakim S, Vogt K, Hoflich C, Reinke P, Volk HD: The enigma of CD57+CD28- T cell expansion--anergy or activation? *Clin Exp Immunol* 104(1):180, 1996.

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22. **Kern F**, Ode-Hakim S, Nugel H, Vogt K, Volk HD, Reinke P: Peripheral T cell activation in long-term renal transplant patients: concordant upregulation of adhesion molecules and cytokine gene transcription. *J Am Soc Nephrol* 7(11):2476, 1996.
23. Reinke P, **Kern F**, Fietze E, Docke WD, Ewert R, Emmrich F, Volk HD: Anti-CD4 monoclonal antibody therapy of late acute rejection in renal allograft recipients--CD4+ T cells play an essential role in the rejection process. *Transplant Proc* 27(1):859, 1995.
24. Ode-Hakim S, **Kern F**, Fietze E, Prosch S, Ewert R, Nugel H, Volk HD, Reinke P: Association between CMV-related graft injury and circulating cytokine-producing CD8+ memory cells. *Transplant Proc* 27(1):951, 1995.
25. **Kern F**, Ode-Hakim S, Nugel H, Volk HD, Reinke P: CD3+/LFA-1 "bright" T cells represent memory-type effector cells, which, during immune activation in kidney graft recipients, are marked by increased cytokine mRNA levels. *Transplant Proc* 27(1):896, 1995.
26. Ewert R, **Kern F**, Mutze S, Witt C: [Aspiration of petroleum by a "fire-eater"]. *Pneumologie* 49(6):388, 1995.
27. Reinke P, Fietze E, Docke WD, **Kern F**, Ewert R, Volk HD: Late acute rejection in long-term renal allograft recipients. Diagnostic and predictive value of circulating activated T cells. *Transplantation* 58(1):35, 1994.
28. **Kern F**, Docke WD, Reinke P, Volk HD: Discordant expression of LFA-1, VLA-4alpha, VLA-beta 1, CD45RO and CD28 on T-cell subsets: evidence for multiple subsets of 'memory' T cells. *Int Arch Allergy Immunol* 104(1):17, 1994.
29. **Kern F**, Roberts N, Ostlere L, Langtry J, Staughton RC: Ammoniated mercury ointment as a cause of peripheral neuropathy. *Dermatologica* 183(4):280, 1991.